

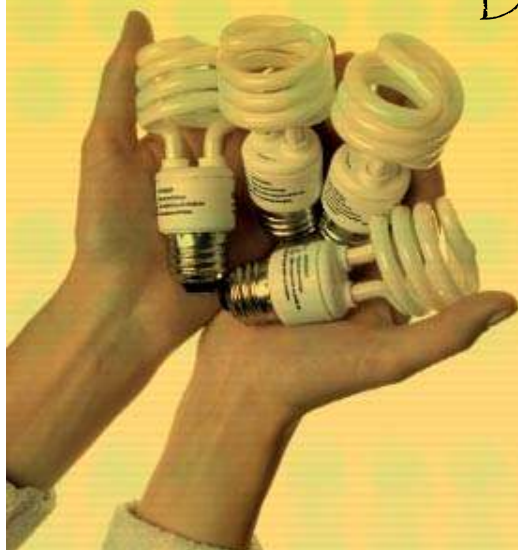


UTAH DEPARTMENT OF
**COMMUNITY
AND CULTURE**

Olene Walker Housing Loan Fund ENERGY Star Policy Results

August 2010

Division of Housing and Community Development



OWHLF Board Policy

- Adopted October 2006
- Energy Star required on all new construction and rehabilitation
- Waivers may be obtained



OWHLF Energy Star Portfolio

- 312 single-family units
 - 201 complete and certified
 - 111 approval in process
- 2,749 multi-family units
 - 1,570 complete and certified
 - 1,179 approval in process



Why take a look?

- Are energy star units providing the expected benefit?
- Are the estimates accurate?
 - HUD Utility Allowances
- Is the policy working?



The Springs – Logan, Utah

- Single family rental project
- 54 three-bedroom units
- Housing Authority's Utility Allowance = \$175 (no allowance for air conditioners)
- Projected Monthly Costs per HERS rating = \$99.00 (unit)
- Actual Monthly Costs = \$91.00 (unit)
- Actual results show 8% lower cost than expected





Stratford Apartments – SLC

- Multifamily rental project
- 46 total studio units
- Housing Authority's Utility Allowance = \$49
- Projected Monthly Cost = \$1,489 (bldg.) or \$32 per unit
- Actual Monthly Cost = \$970 (bldg.) or \$21 per unit
- Actual results show 35% lower cost than expected







Victoria Ridge – Ogden, Utah

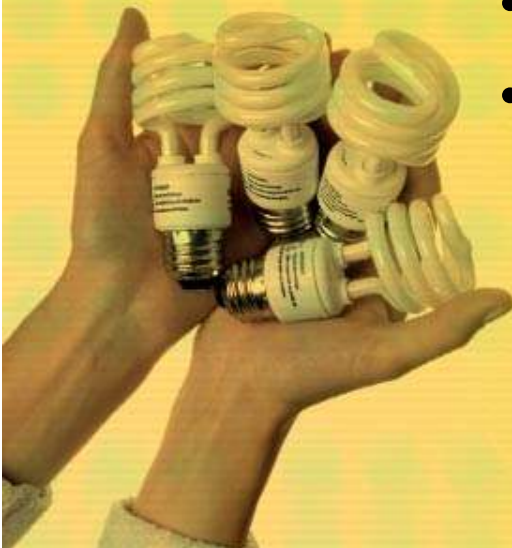
- Multifamily rental project
- 48 total units
- Housing Authority's Utility Allowance = \$67 per unit (*does not include common areas*)
- Projected Monthly Cost \$3,601 (bldg.) = \$75 per unit (*does include common areas*)
- Actual Monthly Cost = \$3,307 (bldg.)
 - \$69 per unit
 - \$42 per unit (without common areas)
- Actual results show 8% lower cost than expected





Results

- On average, the energy star units are showing a 16% better savings in utility costs than originally estimated
- Could be due to lifestyle issues
- Slightly skewed due to the Stratford's PV system
- Findings are encouraging for OWHLF policy
- Significant savings when compared to utility allowances



Questions?

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- 35 Years of providing energy conservation services to Utah's most needy residents 1975-2010
- One of the first "Green" programs in U.S.
- Serves households \leq 150% poverty level
- Average household served \leq 100% poverty level

Provider Agencies

- Bear River Association of Governments
- Davis County Health Department: Tri-County Weatherization
- Salt Lake Community Action Program
- Housing Authority of Utah County
- Six County Association of Governments
- Five County Association of Governments
- Southeastern Utah Association of Local Governments

Historical Production

- 61,651 Total homes Weatherized to date
- 2004-2005 = 1,368
- 2005-2006 = 1,670
- 2006-2007 = 1,541
- 2007-2008 = 1,523
- 2008-2009 = 2,015
- 2009-2010 = 2,825
- 2010-2011 = 3,500 est.

Funding Sources

- U.S. Department of Energy – Formula
- U.S. Department of Energy - ARRA
- U.S. Department of Health & Human Services
- Questar Gas
- Rocky Mountain Power
- State of Utah
- Landlord matching funds & contributions
- Group Workcamps Foundation

Program Funding

- \$159,225,895 Total funding to date
- 2004-2005 = \$4,292,686
- 2005-2006 = \$5,751,266
- 2006-2007 = \$5,858,918
- 2007-2008 = \$5,377,416
- 2008-2009 = \$9,705,101
- 2009-2010 = \$14,248,245
- 2010-2011 = \$21,164,318 (est.)

Accomplishments

- Provides 150 skilled “Green” jobs
- Annual energy savings approximately 32%
- \$388 annual savings - ongoing
- One time assistance
- Supports local businesses
- Reduces pollution
- Economic multiplier effect: 2.5:1
- Group Workcamps Foundation Projects



Old pot belly stove replaced with a new 95% efficient furnace.

Intermountain Weatherization Training Center

- 14,000 sq. ft. Freeport Center Warehouse
- 2 large classrooms & mezzanine overflow
- Computer lab – nine training stations
- HVAC lab & sheet metal shop
- 1,280 sq. ft. Demonstration House
- Insulation Lab
- Open training space
- Training center office
- Full-time training center coordinator

IWTC Demonstration House



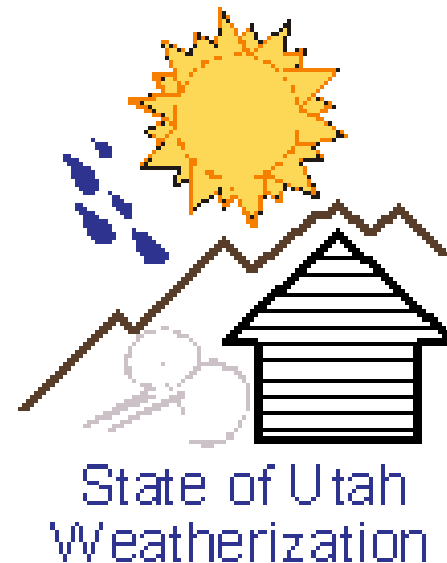
Questions?

- Contact:

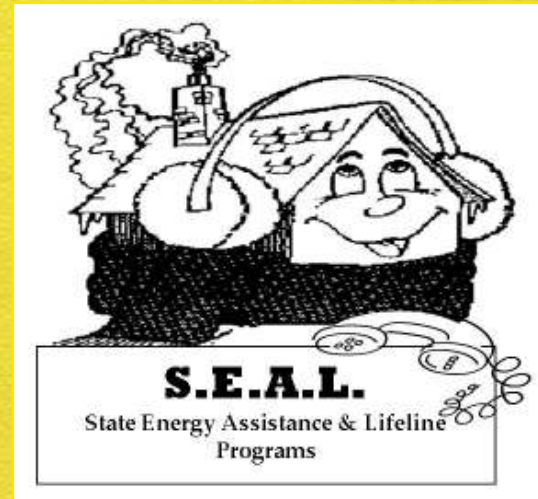
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State Energy Assistance & Lifeline (SEAL) Office



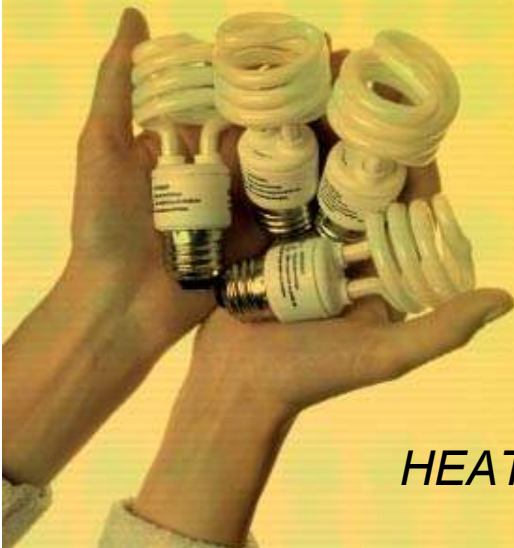
SEAL Program Statistics

	2009	2010
Total FFY LIHEAP Funds	\$35,995,105	\$33,719,590
HEAT Applications	44,174	50,953
Households Approved	42,123	48,808
Avg. HEAT Benefit	\$574	\$510



SEAL Program Statistics

	2009	2010
Disabled Persons*	40.8%	38.1%
Elderly Persons*	24.9%	21.9%
Employed Persons	39.7%	39.7%



*HEAT Target Groups**

Citizen Responses

“...what a wonderful blessing in my life! Bless all of you for this”

“...seems this winter has been pretty cold, and the gas furnace bill was way out past the electrical bill...Sure is nice at my young age of 87 to be warm...”

“...Thank you so kindly for helping on my utilities...The only income I receive is \$489 from my social security. I only taught school part-time for 32 years...”

